

# ABSTRACT OF THE DISCLOSURE

09846555 043001  
5 A precursor to an electron source, having a capability for extending  
the life of an image display device by substantially preventing 1) a  
degradation in a degree of vacuum provided in an image display apparatus,  
2) short-circuiting between adjacent wire electrodes via a getter, and 3) a  
degradation in performance characteristics of the electron source, even when  
used for a long time period. The electron source is for coupling to an image  
display member to form an image display apparatus, and the image display  
10 member is for displaying an image in response to being irradiated by  
electrons. The precursor preferably comprises a substrate, and an antistatic  
film provided on a surface of the substrate at a region where electron  
emitting devices are to be disposed on the precursor to form the electron  
source, but not on a region of that surface to be coupled to the image display  
15 member.

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